

REMARKS

Claims 5 and 14 were rejected as indefinite. Applicant requests reconsideration. The claims have been accordingly amended.

Claims 1-20 were rejected as indefinite. Applicant requests reconsideration. The claims were rejected due to a lack of a recitation in the base claims of the step of creating vias to introduce acid for dissolving crystallized material in the embedded exposed material. Creating the vias was deemed by the examiner to be a critical step.

Applicant extends appreciation for the careful examination. The examiner is correct in that the independent claims do not recite the step of creating the vias. It is apparent that the examiner correctly determined that the base claims do not have this limitation for creating an embedded structure. This was intentional, and not an over sight. The examiner correctly understood the base claims and the inherent teaching. As the examiner apparently realized, the creation of a via, a surface treatment, was clearly taught in the specification, and that the via is created, at least in part on the surface of the material. As such, the specification clearly teaches surface milling using photonic exposure. It should be apparent that other surface features could be created as well, such as grooves, channels, as well as holes that could be used as a via for emptying out an internal volume of the embedded exposed material.

1 While clearly the main focus and overwhelming benefit of the
2 invention is to solve the problem of hollowing out an internal
3 volume, the basic method of claim one of using a photosensitive
4 material is of value for altering surfaces of the material, such as
5 for creating the vias. Obviously, the via is not necessary for
6 creating an embedded structure, for example, the internal volume
7 could be laser exposed for changing its optical characteristics for
8 photonic applications, without necessarily dissolving the material
9 out of the embedded structure, as a subpart of the complete
10 process. The basic method can be used to treating surface areas for
11 creating surface features, an obvious use of the method, as the
12 examiner noted in reference to the creation of surface vias.

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14 The specification teaches treating the surface of the
15 material, that is covered by and support the base claims. Allowance
16 of all the claims is respectfully requested.

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18 Respectfully Submitted

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